In the Claims

1. (Currently Amended) An adhesion-enhanced polyimide film which comprises a core layer composed of a polyimide (A) having high rigidity and a low linear expansion coefficient, at least one side of which has a thin-layer with a thickness of 0.05 to 1 μm formed by heating a coated layer comprising a heat-resistant surface treatment agent and a polyimide precursor which yields a highly heat-resistant amorphous polyimide (B) obtained from at least one aromatic tetracarboxylic dianhydride selected from the group consisting of 2,3,3',4'-biphenyltetracarboxylic dianhydride, 2,2',3,3'-biphenyltetracarboxylic dianhydride and an aromatic diamine.

2. (Currently Amended) ~~An~~ The adhesion-enhanced polyimide film according to claim 1, wherein the polyimide (A) is obtained from 3,3',4,4'-biphenyltetracarboxylic dianhydride and p-phenylenediamine or p-phenylenediamine and 4,4'-diaminodiphenyl ether, from 3,3',4,4'-biphenyltetracarboxylic dianhydride and pyromellitic dianhydride and p-phenylenediamine or p-phenylenediamine and 4,4'-diaminodiphenyl ether, or from pyromellitic dianhydride and p-phenylenediamine and 4,4'-diaminodiphenyl ether.

3. (Currently Amended) ~~An~~ The adhesion-enhanced polyimide film according to claim 1, wherein the polyimide (A) is obtained using 3,3',4,4'-biphenyltetracarboxylic dianhydride and p-phenylenediamine as the main components [[(]]at 50 mole percent or greater to 100 mole percent of the total[[)]].

4. (Cancelled)

5. (Currently Amended) ~~An~~ The adhesion-enhanced polyimide film according to claim [[3]] 1, wherein the aromatic diamine is at least one member selected from p-phenylenediamine and 4,4'-diaminodiphenyl ether.

6. (Currently Amended) ~~An~~ The adhesion-enhanced polyimide film according to claim 1, wherein the heat-resistant surface treatment agent is an aminosilane compound, an epoxysilane compound or a titanate compound.

7. (Currently Amended) ~~An~~ The adhesion-enhanced polyimide film according to claim 1, wherein the polyimide (A) core layer has a thickness of ~~about~~ 10 to ~~about~~ 35 μm.

8. (Cancelled)

9. (Currently Amended) ~~An~~ The adhesion-enhanced polyimide film according to claim 1, wherein the polyimide film as a whole has a tensile modulus (MD) of between ~~about~~ 6 GPa and ~~about~~ 12 GPa and a linear expansion coefficient of ~~about~~ 5×10^{-6} to ~~about~~ 30×10^{-6} cm/cm/°C (at 50-200°C).

10. (Original) A process for production of an adhesion-enhanced polyimide film, wherein an organic solvent solution comprising a heat-resistant surface treatment agent and a polyimide precursor which yields a highly heat-resistant amorphous polyimide (B) thin layer is coated onto at least one side of a self-supporting film obtained from a polyimide precursor solution which yields a polyimide (A) core layer having high rigidity and a low linear expansion coefficient, to form a multilayer self-supporting film which is then heated and dried to complete imidation.

11. (Original) An adhesion-enhanced polyimide film which is obtained by the production process of claim 10.

12. (Original) An adhesion-enhanced polyimide film in which a metal layer is laminated directly or via an adhesive onto an adhesion-enhanced polyimide film according to claim 1.

13. (Previously Presented) A flexible metal foil laminated body comprising a metal layer laminated directly or via an adhesive onto an adhesion-enhanced polyimide film according to claim 1.

14. (Previously Presented) A flexible metal foil laminated body comprising a metal layer laminated directly or via an adhesive onto an adhesion-enhanced polyimide film according to claim 2.

15. (Previously Presented) A flexible metal foil laminated body comprising a metal layer laminated directly or via an adhesive onto an adhesion-enhanced polyimide film according to claim 3.

16. (Cancelled)

17. (Previously Presented) A flexible metal foil laminated body comprising a metal layer laminated directly or via an adhesive onto an adhesion-enhanced polyimide film according to claim 5.

18. (Previously Presented) A flexible metal foil laminated body comprising a metal layer laminated directly or via an adhesive onto an adhesion-enhanced polyimide film according to claim 6.

19. (Previously Presented) A flexible metal foil laminated body comprising a metal layer laminated directly or via an adhesive onto an adhesion-enhanced polyimide film according to claim 7.

20. (Cancelled)

21. (Previously Presented) A flexible metal foil laminated body comprising a metal layer laminated directly or via an adhesive onto an adhesion-enhanced polyimide film according to claim 9.

22. (Previously Presented) A flexible metal foil laminated body comprising a metal layer laminated directly or via an adhesive onto an adhesion-enhanced polyimide film according to claim 11.